

Applicant : James S. Norris et al.
Serial No. : 10/082,973
Filed : February 26, 2002
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1566

Amendments to the Specification:

Please replace the paragraph beginning on page 9, line 3, with the following amended paragraph:

Figure 2 Diagram and nucleotide sequence of the pClip ribozyme cassette (SEQ ID NO:49).

Please replace the paragraph beginning on page 9, line 4, with the following amended paragraph:

Figure 3 Diagram and nucleotide sequence of the pChop ribozyme cassette (SEQ ID NOs:50 and 53).

Please replace the paragraph beginning on page 9, line 9, with the following amended paragraph:

Figure 5 Nucleotide sequence of pSnip, shown without the double trans-acting ribozyme inserts (SEQ ID NO:51).

Please replace the paragraph beginning on page 9, line 31, with the following amended paragraph:

Figure 10 Sequence of a modified pChop cassette (UPCM2) (SEQ ID NO:52).

Please replace the paragraphs beginning at page 49, line 4 through page 51, line 20, with the following amended paragraphs. Please note that the “GTC” below is an originally underlined text, and not an amendment.

Escherichia coli

***ftsZ* target** (ACCESSION: AE000119 U00096)
105
AGATCTAACGCGATCTGATGAGGTCGTGAGGACGAAACTTAAAAACCAAGG
(SEQ ID NO:54)
713
AGATCTAACATCTCACTGATGAGGTCGTGAGGACGAAACTTACGAAACCAAAGG
(SEQ ID NO:55)
1131
AGATCTAAATCATTCACCTGATGAGGTCGTGAGGACGAAACTTAGCAAACCAAGG
(SEQ ID NO:8)

***secA* target** (ACCESSION: AE000119 U00096)
84
AGATCTAAAAAAAACCTGATGAGGTCGTGAGGACGAAACTGGTAAAAGATCT
(SEQ ID NO:56)
707
AGATCTAAATTATCCACTGATGAGGTCGTGAGGACGAAACGGCGAAAAGATCT
(SEQ ID NO:57)
856
AGATCTAAATCGTTACCTGATGAGGTCGTGAGGACGAAACTACCGAAAAGATCT
(SEQ ID NO:58)
894
A[F]GATCTAAATGATGTTCGTGATGAGGTCGTGAGGACGAAACCACTTAAAAGATCT
(SEQ ID NO:59)
979
AGATCTAAATTTCCACTGATGAGGTCGTGAGGACGAAACGTGCAAAAGATCT
(SEQ ID NO:60)

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1282

AGATCTAATTGATAACCCTGATGAGTCCGTGAGGACGAAACAGTCAGAAAAGATCT
(SEQ ID NO:61)

2216

AGATCTAAATTCTCGTTCTGATGAGTCCGTGAGGACGAAACACCAACAAAAGATCT
(SEQ ID NO:9)

***dnaG* target** (ACCESSION: AE000388 U00096)

5344

AGATCTAACGTTAGTCTGATGAGTCCGTGAGGACGAAACCAACAAAACCAAGG
(SEQ ID NO:62)

5903

AGATCTAAAGGCATCACTGATGAGTCCGTGAGGACGAAACTGTTAAAACCAAGG
(SEQ ID NO:63)

6336

AGATCTAAACCACATCCTGATGAGTCCGTGAGGACGAAACAGTTAAACCAAGG
(SEQ ID NO:10)

***rpoA* target** (ACCESSION: AE000407 U00096)

8308

AGATCTAAAAGAGCGCTGATGAGTCCGTGAGGACGAAACAGTCAAAACCAAGG
(SEQ ID NO:64)

8494

AGATCTAAATTCGATCTGATGAGTCCGTGAGGACGAAACCAAGCTAAACCAAGG
(SEQ ID NO:65)

8737

AGATCTAACGATTCCTGATGAGTCCGTGAGGACGAAACATCACCAAACC AAGG
(SEQ ID NO:11)

***tRNA-Asp* target**

(directed against GUC anticodon loop. Accession: X14007)

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172

AGATCTAAATGCGTCTGATGAGTCCGTGAGGACGAAACAGGCAGGTAAAACCAAGG
(SEQ ID NO:12)

Streptomyces lividans

secA target (ACCESSION: Z50195)

1080

AGATCTAAACTCGTCCTGATGAGTCCGTGAGGACGAAACGATCAAAACCAAGG
(SEQ ID NO:66)

2033

AGATCTAAAGGGCGCTGATGAGTCCGTGAGGACGAAACCGCGAAAACCAAGG
(SEQ ID NO:67)

2556

AGATCTAAAGTACTCCTGATGAGTCCGTGAGGACGAAACCAGCGAAACCAAGG
(SEQ ID NO:13)

Enterococcus faecalis

ftsZ target (ACCESSION: U94707)

10805

AGATCTAAAACAAATGCTGATGAGTCCGTGAGGACGAAACGAGTTAAAACCAAGG
(SEQ ID NO:68)

11182

AGATCTAAAGTTAATAACTGATGAGTCCGTGAGGACGAAACTTGTCAAACCAAGG
(SEQ ID NO:69)

11512

AGATCTAAAACTTTGCTGATGAGTCCGTGAGGACGAAACGTGTATAAACCAAGG
(SEQ ID NO:14)

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Pseudomonas putida

dnaG target (ACCESSION: U85774)

222

AGATCTAAAGGTCCATCTGATGAGTCCGTGAGGACGAA**ACAAAGCAAACCAAGG**
(SEQ ID NO:70)

986

AGATCTAACAGGTTCTGATGAGTCCGTGAGGACGAA**ACAATGTAAACCAAGG**
(SEQ ID NO:71)

1891

AGATCTAAATCGCTTCTGATGAGTCCGTGAGGACGAA**ACGTGATAAACCAAGG**
(SEQ ID NO:15)

Streptomyces coelicolor

rpoA target (ACCESSION: X92107)

290

AGATCTAAAGCTCGATCTGATGAGTCCGTGAGGACGAA**ACGAACCAAACCAAGG**
(SEQ ID NO:72)

716

AGATCTAAC**CGAGTC**CTGATGAGTCCGTGAGGACGAA**ACCGGGAAACCAAGG**
(SEQ ID NO:73)

1099

AGATCTAAAGTCGATG**GCT**GATGAGTCCGTGAGGACGAA**ACTTCGCAAACCAAGG**
(SEQ ID NO:16)